

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
655/64944Serial No.  
09/844,043INFORMATION DISCLOSURE CITATION  
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Applicant  
Richard H. HARVEYFiling Date  
April 27, 2001Group  
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## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
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## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No
AL						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	M. Jarke, J. Koch, "Query Optimization in Database Systems," ACM Computing Surveys, Vol. 16, No. 2, June 1984, pp. 111-152, XP002229970.
AQ	S. Grumbach, T. Milo, "Towards Tractable Algebras for Bags," Proc. 12 <sup>th</sup> Intl. Conf. on Management of Data and Symposium on Principles of Database Systems, May 1993, pp. 49-58, XP002233522, Washington, D.C.
AR	The Proceedings of IFIP WG6.6 International Symposium (ISBN: 0444 889 167) Francois Peruchond, Cuno Lanz & Bernard Plattner "A Relational Data Base Design for an X.500 Directory System Agent". - pgs. 405-418.
AS	"Object-Oriented Modeling and Design" by J. Rumbaugh, et al., 1991, ISBN 0-13-630054-5, pp. 366-396.

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AP	CCITT, Volume VIII, DATA COMMUNICATION NETWORKS DIRECTORY RECOMMENDATIONS X.500-X521 ISBN 92-61-03731-3.
AQ	DATABASE DESIGN AND MANAGEMENT, David Stamper and Wilson Price, 1990 ISBN 0-07-100934-5, pp. 295-323.
AR	MOLESWORTH, R., "AN OVERVIEW OF THE CCITT X.500 DIRECTORY SYSTEM" Second IEE National Conference on Telecommunications, No. 1989, 4/2/89, pp. 179-183.
AS	HUNG, R. "CCITT X.500 DIRECTORIES - PRINCIPLES AND APPLICATIONS" Computer Communications, Vol. 15, No. 10, 12/1/92, pp. 636-645.
AS	ORDILLE J J ET AL., "NOMENCLATOR DESCRIPTIVE QUERY OPTIMIZATION FOR LARGE X.500 ENVIRONMENTS" Computer Communications Review, Vol. 21, No. 4, 9/1/91, pgs. 185-196.
AS	BOHDAN SMETANIUK: "DISTRIBUTED OPERATION OF THE X.500 DIRECTORY" Computer Networks and ISDN Systems, Vol. 21, No. 1, 3/1/91, pp. 17-40.
AS	COOKE B. ET AL., "DIRECTORY SERVICES IN THE HP MAP 3.0 ENVIRONMENT" Hewlett-Packard Journal, Vol. 41, No. 4, 8/1/90, pgs. 15-23.
AS	HEYWOOD P. ET AL., "A BIG STEP TOWARD A GLOBAL DIRECTORY", Data Communications, Vol. 23, No. 1, 1/1/94, pp. 99-100.
AS	The Proceedings of IREE, ACTS '91, 22-24 April 1991 (ISBN: 0909394 253), C.M.R. Leung "GDSA: An X.500 Directory Implementation Supporting Heterogeneous Databases."; pgs. 84-96.
AS	1266 Hewlett-Packard Journal 41 (1990) August, No. 4, Palo Alto, CA, US, "Directory Services in the HP Map 3. Environment; B. Cooke, C. Fettig, P. Koski, D. Swope and R. Vandoorn, pp. 15-23.
AS	European Communication dated April 2, 1998
AS	PCT Written Opinion (PCT Rule 66) dated May 27, 1996
AS	PCT Notification of Transmittal of International Preliminary Examination Report dated 12/23/96
AS	PCT Written Opinion (PCT Rule 66) dated September 19, 1996
AS	PCT Written Opinion (PCT Rule 66) dated August 5, 1996
AS	Communication Pursuant to Article 96(2) EPC April 12, 2001

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate
<i>jm</i>	AA	5	9	8	7	4	4	6	November 16, 1999	Corey et al.			
<i>jm</i>	AB	6	0	8	5	1	8	8	July 4, 2000	Bachman et al.			
<i>jm</i>	AC	6	1	2	2	6	2	7	September 19, 2000	Carey et al.			
<i>jm</i>	AD	6	0	0	9	4	2	2	December, 1999	Steven Matthew Ciccarelli			
<i>jm</i>	AE	5	9	5	3	7	1	6	September 14, 1999	Madnick et al.			
<i>jm</i>	AF	5	6	3	4	0	5	3	May 27, 1997	Noble et al.			
<i>jm</i>	AG	5	6	9	2	1	8	1	November 25, 1997	Anand et al.			
<i>jm</i>	AH	5	7	9	4	2	3	2	August 11, 1998	Mahlum et al.			
<i>jm</i>	AI	5	5	4	8	7	2	6	August 20, 1996	Pettus			
<i>jm</i>	AI	5	3	8	8	2	5	5	February, 1995	Pytlik et al.			
<i>jm</i>	AI	5	4	1	4	8	1	2	May, 1995	Filip et al.			
<i>jm</i>	AI	6	0	5	2	6	8	1	April, 2000	Richard H. Harvey			

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